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(54) **A method of forming coatings**

(57) A coating is formed on a substrate by depositing a solution comprising a resin containing at least 2 Si-H groups and a solvent in a manner in which at least 5 volume % of the solvent remains in the coating after deposition followed by exposing the coating to an envi-

ronment comprising a basic catalyst and water at a concentration sufficient to cause condensation of the Si-H groups and evaporating the solvent from the coating to form a porous network coating. The method of the invention is particularly useful for applying low dielectric constant coatings on electronic devices.

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Application Number
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Place of search	Date of completion of the search	Examiner	
THE HAGUE	19 April 2000	Rigondaud, B	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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